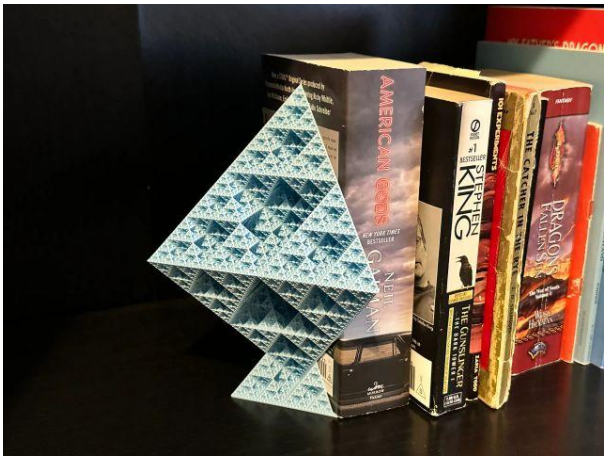


Octahedroflake: Bookend Edition (vase-mode print)

Nat (a Cyborg)

VIEW IN BROWSER

updated 7. 6. 2023 | published 7. 6. 2023

Summary

Your favorite fractal! now halved, with a long flat base so it can be a bookend!

18.56 hrs	1 pcs	0.20 mm	0.40 mm	PLA	135 g	Prusa MK3/S/S+

Art & Design > Sculptures

Tags: bookend fractal octahedroflake beautiful modern sculpture math practical mesmerizing

Your favorite fractal sculpture! now halved, with a long flat base so it can be a bookend!Please consider supporting my hobby. You will make my day!

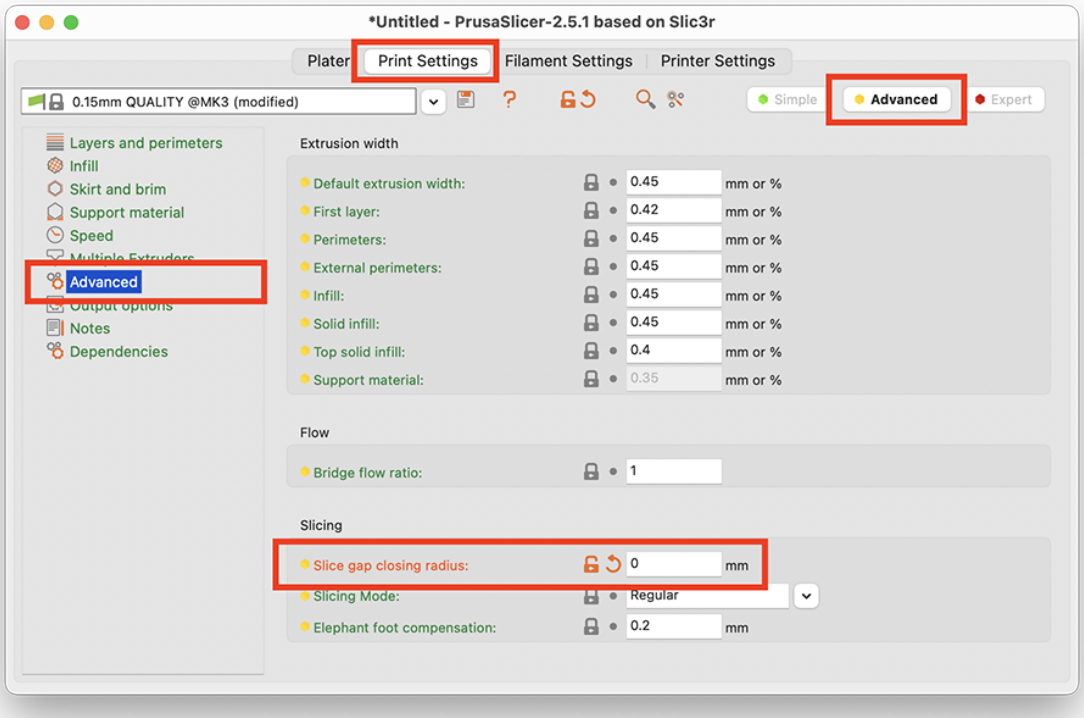
(excuse my sloppy Photoshop, I haven't been able to print it yet)

This was generated to be best printed with a 0.4mm nozzle and 0.2mm layer height (or less), let me know if you want other sizes. Features

- The Octahedroflake bookend is designed to be printed with a **single perimeter**, allowing you to print the entire model with one continuous extrusion if sliced properly.
- With no supports or infill required, this model is easy to print.
- The flat bottom layer ensures a stable and even print surface for hassle-free printing. **Extended for putting under your books!**
- The intricate design of the Octahedroflake results in a beautiful and stunning final for your books!
- Made entirely with CadQuery

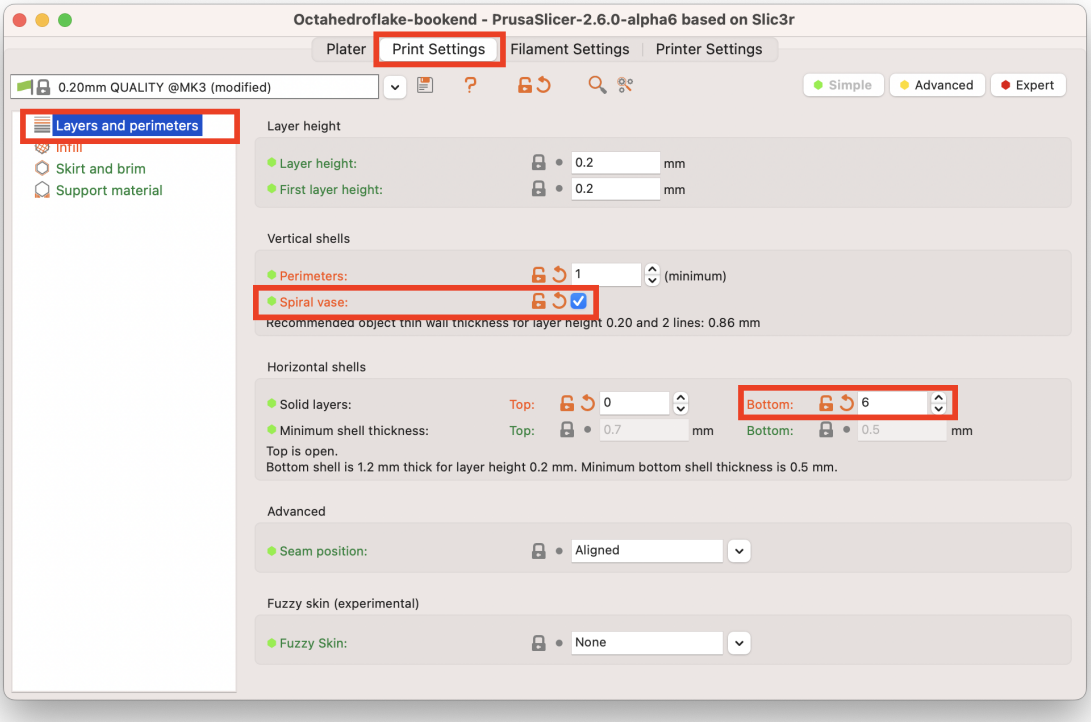
Slicing Instructions:

There are hairline gaps in strategic places to make it a continuous perimeter. Normal slicing settings will close these gaps. You'll have to explain to the slicer that you don't want it to do that. (you'll have to enable at least “advanced” mode in PrusaSlicer to do it). Set the closing radius to zero.



Enable the spiral vase mode and give it enough bottom layers to fill the

platform.



This remix is based on

Octahedroflake: A higher-dimensional analog of the Sierpinski Triangle

by Nat (a Cyborg)

Model files

octahedroflake-book-end.3mf

Pre-configured slicing for your convenience

octahedroflake-book-end.stl

Print files

octahedroflake-bookend_pla_mk3s_18h33m.gcode

PLA 0.40 mm 0.20 mm 18.56 hrs 135 g Prusa MK3/S/S+

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